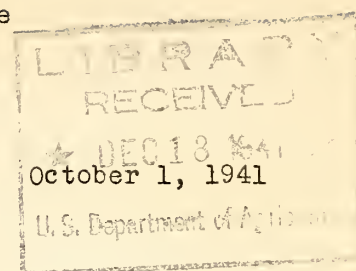


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U. S. Department of Agriculture - Forest Service
CENTRAL STATES FOREST EXPERIMENT STATION
In Cooperation With
Ohio Agricultural Experiment Station
DEPARTMENT OF FORESTRY



Technical Note 35.

VOLUME TABLE^{1/}
for
EASTERN WHITE PINE
(Pinus strobus)

Mohican River Gorge, Holmes County, Ohio

Merchantable Stem to a Variable Top Diameter INTERNATIONAL Rule ($\frac{1}{4}$ " Kerf)

Diameter :	Gross volume of stem							:
breast high :	in 12.3-foot logs to merchantable height							Basis
outside bark: 1 :	2 :	3 :	4 :	5 :	6 :	7 :	in	
(inches) :	log :	logs :	logs :	logs :	logs :	logs :	logs :	trees
	Bd.ft.	Bd.ft.	Bd.ft.	Bd.ft.	Bd.ft.	Bd.ft.	Bd.ft.	Number
7	10	20	29					4
8	13	25	38					3
9	17	32	47	62				5
10	20	39	58	76	95			6
11		47	70	92	114			7
12		56	82	109	135	161		5
13		65	96	126	157	188		6
14			111	146	182	217		5
15			127	167	208	248		5
16			144	189	235	281	326	7
17			161	213	264	316	367	5
18			180	238	296	353	410	4
19			200	264	328	392	455	6
20			221	292	362	432	503	4
21				317	399	475	552	8
22				351	436	520	604	5
23				382	475	567	659	5
24				415	516	616	715	3
25				449	584	666	774	1
26				485	602	719	835	1
27					648	773	899	-
28					695	830	964	1

Basis in	:	:	:	:	:	:	:	:	:	:
trees--	:	4	:	8	:	13	:	24	:	31
number	:	:	:	:	:	:	:	:	:	:

^{1/} Trees climbed and measured by personnel of Work Projects Administration Official Project 65-1-42-166 - "The Ohio Woodland Survey." Measurements taken at 12-foot log lengths above a 1.0-foot stump height. Scaled as 12-foot logs, and additional shorter top logs; top sections less than 8 feet in length scaled as fractions of an 8-foot log. Table prepared, in 1941, by the equation method. Coefficient of multiple correlation (R) = .995. Standard error of estimate, approx. 10% of estimated volume. Block shows limits of basic data.

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